

# Watermelon Seeds

# PRODUCT

The following product follows the guidelines set for watermelon seeds extracted from traditional watermelon.

## DEFINITION

Watermelon seeds are extracted from traditional watermelon (citrullus vulgaris) they are cleaned, dried and free from foreign taste or aroma

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## **MEASURING REQUIREMENTS**

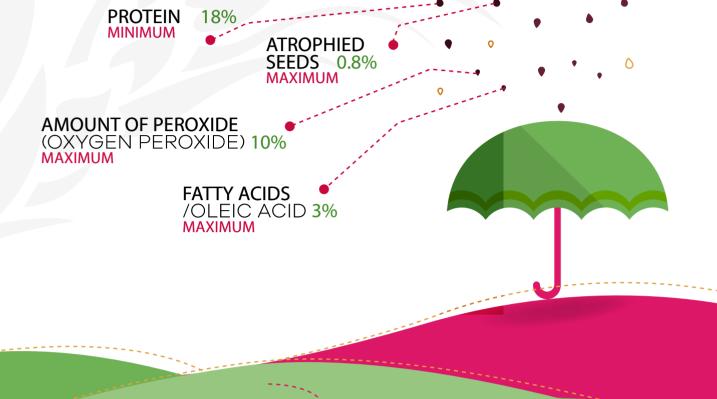
The following conditions have to be met in watermelon seeds for human consumption

> OIL 18% MINIMUM

FIBER 47% MAXIMUM

MOISTURE

MAXIMUM



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6%

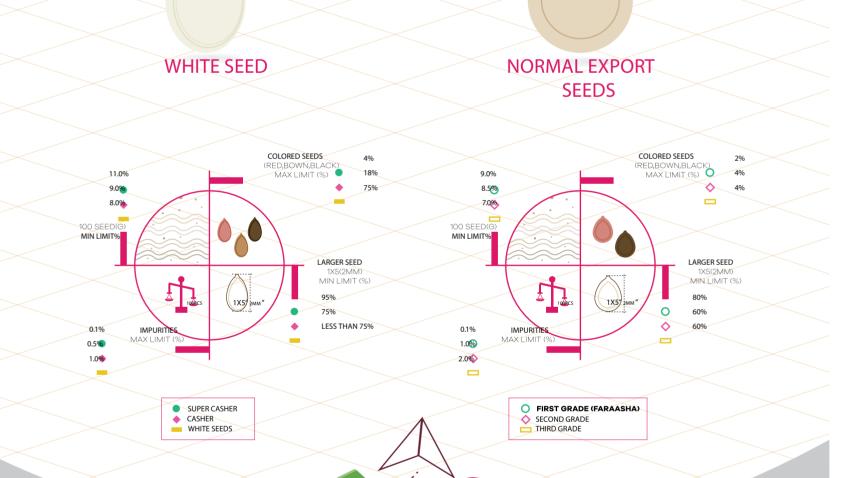
## **HEALTH REQUIREMENTS**

- Pesticides and weed killers are not to exceed the limit set globally.
- The seeds are to be free from heavy materials.
- All health requirements are to be followed when packaging/ transporting

#### SAMPLING

The Sudanese Standard Specifications and Measurements are to be followed when taking seed samples for testing and are to be packaged and stored safely.

WATERMELON SEEDS ARE DIVIDED UP THROUGH PHYSICAL REQUIREMENTS



#### PACKAGING AND STORAGE

Watermelon seeds are to be packed in aired container such as burlap (e.g Jute) or any other crop containers which are dry, clean free from foreign objects, dirt, moisture and smell. To be stored in well ventilated areas far from contaminants according to world storage standards for crops.

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#### **IDENTIFICATION BADGE**

Every package is to have a clear badge not susceptible to damage to identify the following:-



# REFERENCES

1.Oil extract Seeds Law- Ministry of commerce (1973-1982)

2. Omar Ibrahim Alkurdi, Ahmed Ali Ebeid, Mohammed Almubarak (1991)- Studies on Oil extraction from kurdufani watermelon- Ministry of Agriculture- Obeid.

3. Watermelon Seeds Specifications Project- Branch committee of obeid.

4. Codex Alimentarius, Vol.8:- Fats. Oils and Related Products, Second Edition (Revised 2001)

5. Cucurbits, second edition, Hollar and Company Incorporation (1981) USA. 6. SSMO, Lab Data Analysis 200-2003 (Elobeid)

7. Personal Communications and Interviews with traders and Exporters, Elobeid

8. Elgabri, M.A (2001), Production and Quality Evalution of Local Watermelon (Citrullus Lanatus thumb):M.SC. Thesis, Faculty of Natural Resources and Enviromental Studies, University of Kordofan- Elobeid- Sudan

9. Mustafa, A.I; Badi, S.M.; Salama, A.S.; Ellsayed, A.S. and Hussein, A.A (1972) Studies on Watermelon Seed Oil, Sudan Journal of Food Science and Technology 4:18 - 20